

ABSTRACT OF THE DISCLOSURE

An air treatment apparatus includes an air mover for directing air toward a target compound. The target compound includes at least one of copper, titanium dioxide, and silver. A UV source is adapted to direct light against the target compound. The light preferably has a wavelength of about 185nm. Light striking the air will generate ozone and the striking the target compound will generate at least one of hydroxyl ions and super-oxide ions. A method for treating air is also disclosed.